

REMARKS

The Examiner has rejected claims 1 through 51 under 35 U.S.C. §112, First Paragraph. In view of the above amendments and the following remarks, the Applicants respectfully submit the Examiner to reconsider the pending rejections.

The Examiner has alleged that the claims contain subject matter which was not described in the specification in such a way as to reasonably convey to one of ordinary skill in the relevant art that the inventors at the time of the application was filed had possession of the claimed invention. The Examiner has stated in Paragraph 5 of the currently pending Office Action that “no adjustment to the generated chroma values using spatially corresponding coefficients is shown” in the specification. The Examiner thus concluded that the specification describes a one-step process rather than a two-step process as explicitly recited by the “generating” and the “adjusting” steps in independent method claims.

In view of the following reasons, the Applicants respectfully request the Examiner to reconsider the pending rejections. Although the Applicant does not necessarily agree with the Examiner’s characterization of the disclosure of the current application, the Applicants have amended the independent claims to clarify the patentable features of the current invention as explicitly recited by independent claims 1, 12, 25, 26, 27, 38 and 51. Newly amended independent claims now each explicitly recite that the generating feature and the adjusting feature are “simultaneously” performed in the independent method, system and storage claims.

The support for the above clarification of the patentable features is found in the original disclosures of the current application. For example, with respect to Figures 12A and 12B, the specification beginning from the fourth line from the bottom of page 20 discloses an alternative embodiment of the preprocessing unit includes an filter for

converting CCD data (color image data) to CrCb values (chroma values). Furthermore, the specification on page 21 discloses Equation (18) for accomplish the above conversion using the matrix containing the “coefficients.” The last sentence of the first paragraph on page 21 of the current specification discloses that “[t]he position of each CCD is independently taken into account in converting the CCD value into the chroma values Cr or Cb.” Since the position of each CCD is “spatially correspond to a specific set of the pixels” as recited in independent claim 1, the patentable features of the current invention are clearly supported by the above adequate description. Therefore, the Applicants respectfully submit that newly amended independent claims 1, 12, 25, 26, 27, 38 and 51 comply with the written description requirement.

Dependent claims 2 through 11, 13 through 24, 28 through 37 and 39 through 50 ultimately depend from independent claims 1, 12, 27 or 38 and incorporate the above patentable features. Based upon the above reasons, the Applicants respectfully submit that the rejection of the above claims under 35 USC §112 should be withdrawn.

Conclusion

In view of the above amendments and the foregoing remarks, Applicants respectfully submit that all of the pending claims are in condition for allowance and respectfully request a favorable Office Action so indicating.

Respectfully submitted,

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